IBM

Operating System/2 Local Area Network Server Version 2.0

Breaking through

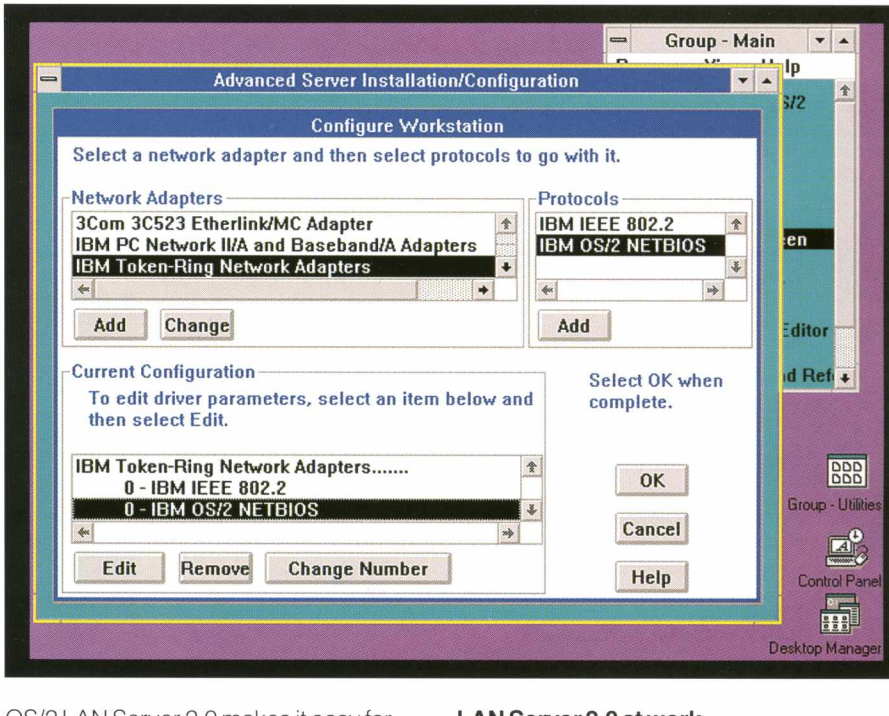
The software of choice for sharing data and resources

Connectivity and resource sharing–they're the keys to keeping workgroups productive and system costs down. But what if you want more out of your networking software than sharing files, printers and applications? How do you maximize the benefits of Operating System/2®? Easy: Just choose IBM's LAN Server Version 2.0.

In fact, OS/2® and the newly enhanced version of LAN Server have never worked better together. For one thing, LAN Server 2.0 now runs on both versions of OS/2–OS/2 2.0 and Standard Edition 1.3. For another, IBM has added a host of new features to LAN Server–features that give you greater reliability, faster access to data, and increased security for your resources.

Specific highlights of this strategic LAN software include:

- A basic server package that runs on 286, i386™ and i486™ processors
- A new, high-performance package for i386 and i486 processors that boosts the performance of server data access for LAN-connected clients
- Support for multiple adapters–to enable connection of up to four LANs
- Support for medialess workstations through a remote software loading feature
- Support for a fail-safe feature that keeps the server running if power is interrupted
- OS/2 LAN Requester, which provides support for OS/2 workstations



OS/2 LAN Server 2.0 makes it easy for users at interconnected workstations to access resources throughout a LAN–no matter where those resources are located. From the users' perspective, the resources seem to be resident right at their workstations.

Users can transparently access and share directories, files, printers and programs–as well as such serially attached devices as plotters, modems and scanners. And because OS/2 LAN Server 2.0 provides pooling and queuing capabilities, users' requests can be automatically arranged for access to the first available device.

LAN Server 2.0 at work

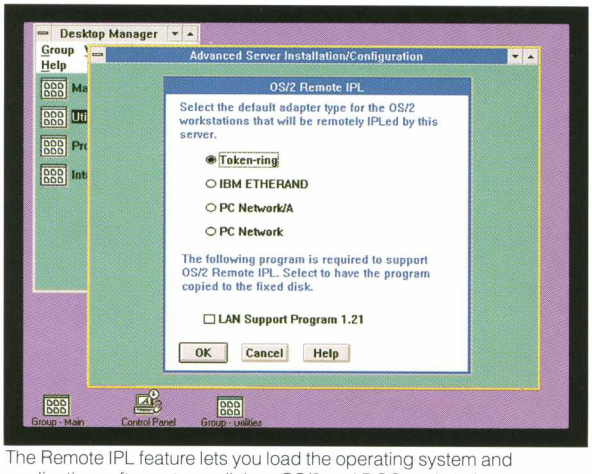
Here are some of the ways you can put IBM Operating System/2 LAN Server 2.0 to work for you:

- Save time and hardware costs by having users from different departments share files and printers and communicate via the LAN
- Increase data security and simplify software installation and updating by using the Remote Initial Program Load feature to support a network of workstations, with or without media
- Provide connectivity for both DOS and OS/2 workstations
- Provide an excellent platform for application development

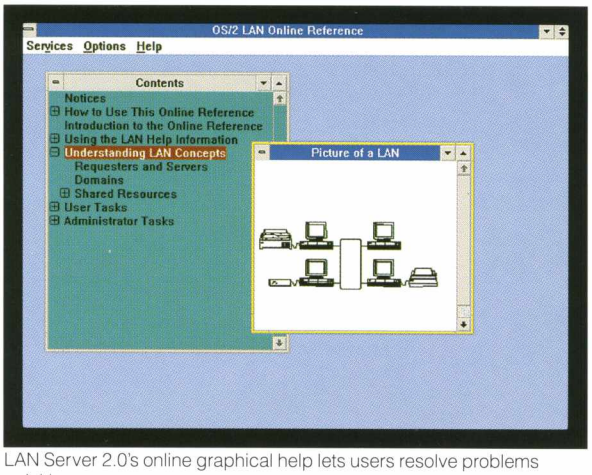
Feature	Benefit
Entry and Advanced configurations	•Let you choose LAN server software that best fits your needs and hardware requirements
i386 High-Performance File System (Advanced configuration)	•Boosts overall system performance by decreasing the access time to data on the server's hard disk •Provides additional security by requiring a local logon
Disk fault tolerance (Advanced configuration)	•Supports disk duplexing and disk mirroring •Allows detection and correction of disk errors
Single-system image	•Gives you easy access to local and remote information from workstations via menus •Simplifies operation by making the client/server architecture appear as one integrated system
OS/2 LAN Requester	•Provides support for OS/2 SE1.3 and OS/2 2.0 workstations
LAN transport	•Gives you connectivity for OS/2-based workstations •Supports Network Device Interface Specification (NDIS)
DOS LAN Requester and LAN Support Program	•Give you connectivity for DOS systems and compatibility with Microsoft® Windows™ 3.0 •Allow you to intermix OS/2- and DOS-based workstations on a network •Work over Ethernet as well as IBM Token-Ring and PC Networks, providing maximum flexibility in LAN media
Support for up to four adapters	•Provides access to the same server from up to four different LANs
Remote Initial Program Load (RIPL)	•Allows you to download software from the server to medialess workstations •Helps you verify that workers are using the same version of application software •Lets you closely monitor your licensing agreement •Provides improved security •Supports DOS and OS/2 workstations on Token-Ring, Ethernet and PC Networks
Uninterruptable Power Supply (UPS) support	•Allows battery backup to keep the server running for a brief period of time in the event of a power failure •Provides for an orderly shutdown of your system following a power failure
Alert service	•Sends alerts to IBM LAN Network Manager or System/370™ NetView®
Migration facilities	•Provide a smooth upgrade to LAN Server 2.0 •Allow you to import all the necessary data from your earlier server programs–with minimal disruption of end-user operations
User Profile Management (UPM)	•Provides a graphical interface for administration of user and group IDs and associated passwords
Printer management	•Supports multiple printers concurrently and prioritizes print requests •Provides automatic job routing to the first available printer associated with the queue •Allows automatic release of certain job queues for printing after a specified time of day
LAN resource administration	•Allows you to control multiple servers as well as all facets of resource sharing from any OS/2 workstation •Lets you delegate some administration functions to users
Net Run	•Helps minimize data traffic across the network by allowing file-intensive programs to run at the server machine where the files are located •Improves efficiency by executing server backup operations, document formatting, database indexing and program compilations
File replication service	•Provides a fast, powerful means of backing up critical resources by periodically replicating directories to the same or different workstations on the LAN

IBM Operating System/2 Local Area Network Server 2.0 at a glance

Local area networks supported	IBM Token-Ring Network, IBM PC Network Broadband and Baseband, Ethernet
Number of desktop systems supported	Up to 254 NETBIOS sessions per adapter; maximum number of attached workstations depends on LAN adapters, wiring characteristics and workstation resources
Network functions	Printer, file, serially attached device and program sharing; messaging; remote IPL (DOS and OS/2); multiple network servers; user logon/password protection; resource administration
Ease-of-use facilities	Graphical online help and an installation tool
Required software for Entry configuration	IBM Operating System/2 2.0 or IBM OS/2 Standard Edition 1.3
Required software for Advanced configuration	IBM OS/2 SE 1.3
Systems supported	IBM Personal System/2® Models 30 286 and above equipped with at least 30MB DASD; IBM Personal Computer AT® (Models 099, 239, 319, 339) PS/2® Models 35 LS and 55 LS are supported by DOS and OS/2 on Token-Ring, Ethernet and PC Networks
IBM LAN adapters supported	IBM Token-Ring Network: IBM Token-Ring 16/4 Busmaster Server Adapter/A, IBM Token-Ring Network 16/4 Adapter, IBM Token-Ring Network 16/4 Adapter A, IBM Token-Ring Network 16/4 Trace and Performance Adapter, IBM Token-Ring Network 16/4 Trace and Performance Adapter/A, IBM Token-Ring Network Adapter/A, IBM Token-Ring Network PC Adapter, IBM Token-Ring Network PC Adapter II, IBM Token-Ring Network PS/2 Model P70 386 Adapter/A IBM PC Network: IBM PC Network Baseband Adapter, IBM PC Network Baseband Adapter/A, IBM PC Network Adapter (Broadband), IBM PC Network Adapter II, IBM PC Network Adapter II/A, IBM PC Network Adapter II-Frequency 2, IBM PC Network Adapter II/A-Frequency 2, IBM PC Network Adapter II-Frequency 3, IBM PC Network Adapter II/A-Frequency 3 Ethernet Network: IBM PS/2 Adapter/A
Warranty	Three months
Service	No-charge service for 24 months after U.S. general availability



The Remote IPL feature lets you load the operating system and application software to medialess OS/2 and DOS workstations.



LAN Server 2.0's online graphical help lets users resolve problems quickly.

Why OS/2?

Here are some of the reasons why IBM Operating System/2 2.0 stands out as the best solution for your business needs.

Ease of use through graphical installation, object-oriented iconic "drag and drop" interface, and online contextual Help.

Support of DOS, Windows and OS/2 applications within a single environment.

Compatibility with the broadest range of applications, giving you the most flexible choice of programs plus the widest networking platform available.

Performance that's predictable and consistent when you're running multiple DOS, Windows and OS/2 applications.

True multitasking that enables you to access, utilize and manage information using multiple programs simultaneously.

32-bit addressability that means you can tap the potential of today's advanced microprocessing technology.

Enterprise-wide open system strategy that extends to every desktop and beyond–to different types of networks, databases and distributed processing environments.

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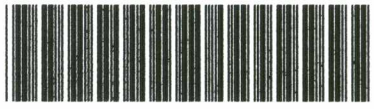

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